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ECT Hot Cold Phantom SP-6

Item No. PH-29

Weight

Brand KYOTO KAGAKU, JAPAN

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SKU:

Categories: Radiology Phantom

Product Description

Volumetric measurement phantom for PET/SPECT

Features

Training skills / Applications

Set includes

Size (approx.)

Materials

Update

Five sphere containers with different sizes can be filled with RI solution / Volume of sphere phantoms are: 50 mm/2 in (100%), 80%, 60%, 40% and 20%

SPECT, PET

1 phantom / 1 storage case

21 dia. x 16 (H)cm / 8.2 dia. x 6.2 (H)in

Acrylic resin

July 7, 2020

Why Choose the ECT Hot Cold Phantom SP-6 for PET/SPECT Volumetric Measurement Training in India?

The ECT Hot Cold Phantom SP-6 (Item No. PH-29, Brand: Kyoto Kagaku, Japan) is a volumetric measurement phantom purpose-built for PET and SPECT quantitative accuracy testing. It includes five sphere containers of different sizes that can be filled with RI (radioisotope) solution, with sphere volumes set at 50mm/2in (100%), 80%, 60%, 40%, and 20% — the classic graduated hot/cold sphere configuration used to evaluate spatial resolution and recovery coefficient across a range of lesion sizes.

Training applications:

- SPECT
- PET

Set includes: 1 phantom, 1 storage case.

Specifications: Size approx. 21cm dia. × 16cm H (8.2in dia. × 6.2in H). Materials: Acrylic resin.

Why Buy from SEM Trainers? SEM Trainers & Systems is an authorized distributor of Kyoto Kagaku products in India with over 30 years of experience supplying nuclear medicine and PET/SPECT QA phantoms to 1,500+ institutions across 28 states. We provide pan-India delivery and dedicated after-sales support.

Frequently Asked Questions

Q: What is a "hot cold" phantom used for? A: It's used to evaluate PET/SPECT image quality and quantitative accuracy across different lesion sizes, using spheres of graduated volumes filled with radioisotope solution to simulate hot (high-uptake) and cold (low-uptake) lesions.

Q: What sphere sizes are included? A: Five spheres at 100%, 80%, 60%, 40%, and 20% of the largest sphere's volume (50mm/2in diameter at 100%).

Q: How do I order from SEM Trainers? A: Contact us at sem@semtrainers.com or call +91-88495 63724 for pricing and availability.